KAS: KY.5.MD.2

What is the domain/conceptual category/big idea? Measurement and Data Standards for Mathematical Practice MP.1. Make sense of problems and persevere in solving them. MP.5. Use appropriate tools strategically. MP.2. Reason abstractly and quantitatively. MP.6. Attend to precision. MP.3. Construct viable arguments and critique the reasoning of others. MP.7. Look for and make use of structure. MP.4. Model with mathematics. MP.8. Look for and express regularity in repeated reasoning. Cluster: What is the broader understanding that the standard plays a role in building? Understand and addly the statistics **Standards** Clarifications Identify the target of the standard: What are the specific representations/strategies that will need to be considered when planning instruction? Generate questions o conceptual understanding o , procedural skill/fluency application Consider how the target of the standard will have an impact on instruction and assessment. (For more information, refer to p. 7, 10 and 15 of What are the possible misconceptions that will need to be addressed KAS for Mathematics.) Students will have to be during instruction? Stratents categorical categorical and numerical data. Engaging Previous Grade → Current Standard → Upcoming Grade in real world data to make obserations 18. How does this standard build off of prior learning? Grade 4 KY.4.MD.1 What key mathematics should students know and be able to do? students only tocus on numerical data Students must know How does this standard support future learning? Grade lo Students start to look at the overall distribution. How does this standard connect to other standards (or even other rategorical clusters or domains)? KY.5.MD.Z connects also I must know which KY.5.6.2 Students can represent real world math Attending to the Standards for Mathematical Practice How are students engaging in the mathematical practices as they learn this content? (For more information, refer to p. 12-15 of KAS for Mathematics.) best model their data once gathered nap to create and represen determine to what scale